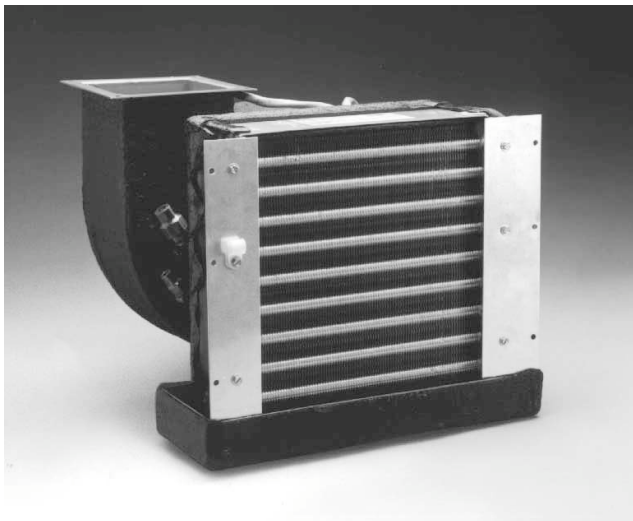


Cooling/Heating Units

DIRECT EXPANSION



EBO16 Cooling Unit Shown

Features

- Compact ductable cooling unit
- Rotatable, variable speed blower
- Insulated condensate pan with anti-slosh, antifungal foam lining
- Air filter included
- Works with Cruisair F-type condensing units

EBO Models

EBO is a draw-through, ductable cooling unit with a rotatable, variable-speed blower and an integral condensate pan. It is typically installed low in a closet, cabinet, or other enclosed space, with discharge air ducted to one or more grills high in the room.

Models are available in capacities from 4,000 to 36,000 Btu/hr, and are used with Cruisair F type remote condensing units. Multiple cooling units can be used with a single condensing unit of matched capacity.

The squirrel cage blower can be rotated so the discharge air is easily ducted. The condensate pan, blower housing and all metal surfaces over which air passes are covered with insulating foam, reducing noise and secondary condensation. The condensate pan has an anti-slosh, antifungal foam lining.

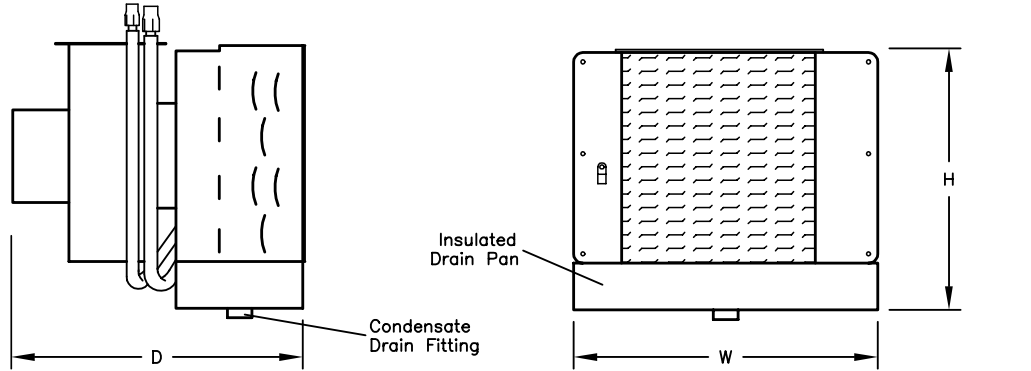
Cruisair cooling units can be used with a rotary-knob switch assembly, or with either the SMX II or SMX Net microprocessor control systems and a SMXir keypad/display.

An EBO unit can be installed with a combination of plenums and flexible duct, or built-in ductwork to convey discharge air to one or more outlet grills. A hose adapter is needed to connect flexible duct to the blower outlet. If using built-in ducts, a flexible transition between the blower and duct should be installed.

An optional mounting frame or leg kit is recommended to ease installation, provide vibration isolation, and support the blower. On the larger units (20,000 – 36,000 Btu/hr), the full condensate pan acts as the mounting chassis, and a separate mounting kit is not required.

Cruisair[®]
Chill Out In Style

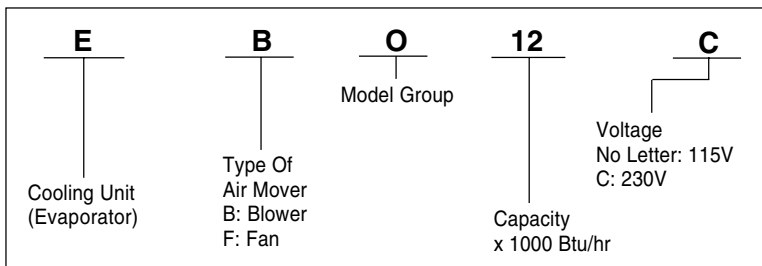
REFRIGERANT LINE SIZES		
Unit Size	Discharge	Suction
4,000 to 12,000 Btu/hr	1/4"	3/8"
16,000 Btu/hr	1/4"	1/2"
20,000 to 24,000 Btu/hr	3/8"	1/2"
30,000 to 36,000	3/8"	3/4"



TECHNICAL SPECIFICATIONS

Model	Capacity (Btu/hr)	Voltage	Frequency (Hz)	Amps	Dimensions (in/mm)			Weight (lb/kg)	Air Flow (cfm/cmh)
					H	W	D		
EBO4 EBO4C	4,000	115 230	50/60	1.9 0.9	9.5/240	12.5/320	13.0/330	14/6.4	165/280
EBO5 EBO5C	5,000	115 230	50/60	1.9 0.9	9.5/240	12.5/320	13.0/330	14/6.4	165/280
EBO7 EBO7C	7,000	115 230	50/60	1.9 0.9	10.0/255	12.0/305	14.0/355	14/6.4	270/460
EBO8 EBO8C	8,000	115 230	50/60	1.9 0.9	10.0/255	12.0/305	14.0/355	14/6.4	270/460
EBO10 EBO10C	10,000	115 230	50/60	2.9 1.5	11.5/290	13.5/345	14.75/375	21/9.5	330/560
EBO12 EBO12C	12,000	115 230	50/60	2.9 1.5	13.0/330	15.5/395	16.5/420	23/10.4	400/680
EBO16 EBO16C	16,000	115 230	50/60	3.3 1.6	13.0/330	15.5/395	18.0/455	26/11.8	530/900
EBO20C	20,000	230	50/60	3.0	18.25/465	20.5/520	18.0/455	44/20.0	800/1360
EBO24C	24,000	230	50/60	3.0	18.25/465	20.5/520	18.0/455	44/20.0	800/1360
EBO30C	30,000	230	50/60	3.5	20.5/520	21.6/520	18.5/470	50/23.0	1200/2040
EBO36C	36,000	230	50/60	3.5	20.5/520	21.6/520	18.5/470	50/23.0	1200/2040

INTERPRETING MODEL NUMBERS



RECOMMENDED GRILL & DUCT SIZES

Unit Capacity Btu/hr	Minimum Return Air Grill Size (sq in/cm)	Minimum Discharge Grill Size (sq in/cm)	Recommended Duct Size (in/mm)
4,000-5,000	64/415	32/205	4/100
7,000-8,000	72/465	49/315	5/125
10,000	100/650	60/390	6/150
12,000	120/780	70/455	6/150
16,000	144/935	80/520	7/175
20,000-24,000	200/1350	120/780	9/225
30,000-36,000	288/1860	160/1030	10/250

